

## International thermal spray conference, ITSC 2002: lectures and posters presented at the conference

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20451736&lokasi=lokal>

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### Abstrak

#### Contents :

- Verfasserverzeichnis / List of authors
- WSP-sprayed boron carbide coatings for fusion applications
- Composite functional thermal sprayed coatings for the parabolic aerials
- HVOF sprayed WC-Co-Cr as a generic coating type for replacement of hard chrome plating
- HVOF facility qualification at an airline ? importance and benefits for landing gear applications
- Thermisch gespritzte korrosionsschutzschichten für sulfidierende atmosphären
- Wire arc spraying of zinc as effective method to produce anodes for the corrosion protection of reinforced concrete structures
- Heating of porous particles in the plasma flame
- Effect of surface morphology of substrate on flattening behavior of freely fallen metal droplet
- Simulation of the influence of spray parameters on particle properties in APS
- Particle flux imaging (PFI) und particle shape imaging (PSI) ? two innovative diagnostics for thermal coating
- Optisches prozessanalysesystem für das thermische spritzen
- Preliminary studies of a closed-loop for a feedback control of air plasma spray processes
- The industrial use of diagnostic technology for plasma spraying
- Low cost industrial type diagnostic system for powder jet visualisation, particlesubstrate interaction and coating growth
- Application of digital CCD camera for monitoring of particle-in-flight parameters in plasma and HVOF spraying
- Prozessdiagnostik an thermischen Beschichtungsverfahren ? Neue Erkenntnisse aus den laufenden Arbeiten der DFG-geförderten Forschungsgruppe
- On-line-monitoring control of stainless steel coatings obtained by APS processes
- Volumetric and size characterization of void morphologies in thermally sprayed metallic deposits using scattering techniques

- Zusammenhänge zwischen dem Gefüge und den Eigenschaften der TiC-haltigen Spritzschichten
- Microstructures and properties of nanocrystalline composite coatings
- Evaluation of plasma deposited Alumina-Titania ceramic composite coatings
- YSZ film deposition by thermal plasma assisted chemical vapor deposition in open air
- Vacuum plasma sprayed YSZ electrolyte for solid oxide fuel cell application
- High energy ball milling prepared Al<sub>2</sub>O<sub>3</sub>-NiCr dispersion powders for thermal spray coatings
- Nanostructured ceramic coatings obtained by thermal spraying
- Plasma sprayed nano-structured oxide ceramic coatings
- Coatings of powders based on iron aluminides
- Erosion behavior of WCP-Fe<sub>3</sub>Al composite coating produced by high velocity arc spray at elevated temperature
- Thermal spray moulding ? production of microcomponents
- Herstellung von Kleinserienwerkzeugen für die Blechumformung durch gespritzte Schichten in Schalenbauweise
- Thermal sprayed coatings for thixoforming tools
- Internal plasma spraying for new generation of automotive engine, etc.